PTO/SB/16 (10-01)

Approved for use through10/31/2002. OMB 0651-0032
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## PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c)

Express Mail Label No. EV 339366059 US INVENTOR(S) Residence Given Name (first and middle [if any]) Family Name or Surname (City and either State or Foreign Country) Encinitas, California Michael L. Beigel Additional inventors are being named on the separately numbered sheets attached hereto TITLE OF THE INVENTION (500 characters max) RECTIFYING CHARGE STORAGE DEVICE WITH ANTENNA CORRESPONDENCE ADDRESS Direct all correspondence to. 1 Customer Number 26252 Type Customer Number here OR Firm or DATENT TO ADEMARK OFFICE Individual Name Address Address ZIP City Country Telephone Fav ENCLOSED APPLICATION PARTS (check all that apply) ✓ Specification Number of Pages 19 CD(s), Number ✓ Drawing(s) Number of Sheets Other (specify) Application Data Sheet. See 37 CFR 1.76 METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT Applicant claims small entity status. See 37 CFR 1.27. FILING FEE AMOUNT (\$) ~ A check or money order is enclosed to cover the filing fees The Commissioner is hereby authorized to charge filing \$80.00 fees or credit any overpayment to Deposit Account Number: Payment by credit card. Form PTO-2038 is attached. The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government. P No. Yas, the name of the U.S. Government egency and the Government contract number are: Respectfully submitted, 07/01/2003 Hoele SIGNATURE REGISTRATION NO 30,762 TYPED or PRINTED NAME Scott W. Kelley (if appropriate)

## TELEPHONE (818)347-7900 USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

Docket Number:

PREDYN-43971

This collection of Information is required by 37 CFR 1.51. The information is used by the public to file (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours complete, including gathering, preparing, and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burder, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce. Washington, D.C. 20231, D.O. NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Provisional Application, Assistent Commissioner for Patents, Washington, D.C. 20231.

7/1/2003

PTO/SB/17 (05-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ellection of Information unless it displeys e valid OMB control number Under the Paperwork Reduction Act of 1995, no persons are required to respond to a co Complete if Known FEE TRANSMITTAL Application Number Filing Date July 1, 2003 for FY 2003 First Named Inventor Michael L. Beigel Effective 01/01/2003. Petent fees ere subject to annual revision Examiner Name Applicant claims small entity status. See 37 CFR 1.27 Art Unit TOTAL AMOUNT OF PAYMENT (\$) 80.00 Attorney Docket No PREDYN-43971 METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) ✔ Check Credit card 3. ADDITIONAL FEES None arge Entity | Small Entity Deposit Account Fee Fee Fee Fee Description Deposit Code (\$) Code (\$) Fee Paid Account 1051 130 2051 65 Surcharge - late filing fee or oath Number Deposit 25 Surcharge - late provisional filing fee or 1052 50 2052 Account cover sheet 1053 130 1053 130 Non-English specification Director is authorized to: (check ell thet epply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 Charge fee(s) indicated below Credit any overpayments 1804 920\* Requesting publication of SIR prior to Examiner action 1804 920 Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filing fee 1805 1,840 1805 1,840\* Requesting publication of SIR after to the above-identified deposit eccount. Examiner action 110 55 Extension for reply within first month FEE CALCULATION 205 Extension for reply within second month 1252 410 2252 1. BASIC FILING FEE 930 465 Extension for reply within third month arge Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid 1254 1.450 2254 725 Extension for reply within fourth month 1255 1.970 2255 985 Extension for reply within fifth month 1001 750 2001 375 Utility filing fee 1401 320 2401 1002 330 2002 165 Design filing fee 160 Notice of Anneal 1402 320 2402 160 Filing a brief in support of an appeal 1003 520 2003 260 Plant filing fee 1004 750 2004 375 Reissue filing fee 1403 280 140 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1005 160 2005 80 Provisional filing fee 1452 110 55 Petition to revive - unavoidable SUBTOTAL (1) (\$) 80 1453 1,300 650 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 2501 1501 1,300 650 Utility issue fee (or reissue) Ext<u>ra Claim</u>s 1502 470 2502 235 Design issue fee Total Cleims Х 1503 630 2503 315 Plant issue fee Independent Claims L.
Multiple Dependent 1460 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(g) Large Entity Small Entity 1806 180 1806 180 Submission of Information Disclosure Stmt Fee Description 40 Recording each patent assignment per Code (\$) Code (\$) 8021 8021 40 property (times number of properties) 1202 18 2202 Claims in excess of 20 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 750 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) 1810 750 \*\* Reissue Independent claims 1204 84 2204 42 1801 750 2801 375 Request for Continued Exemination (RCE) over original patent 1205 2205 \*\* Reissue cleims in excess of 20 900 Request for expedited examination end over original patent of a design application Other fee (specify) SUBTOTAL (2) (\$) \*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) \*\*or number previously paid, if greater; For Reissues, see abo SUBMITTED BY Registration No. Name (Print/Type) Scott W Kellev 30.762 Telephone (818)3477900 (Attorney/Agent)

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) en application. Confideratelly is goverhed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and superinting the completed epipication form to the USPTO. This will very depending upon the individuals area. Any comments on the emount of time you require to complete this form end/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Depertment of Commerce, P.O. Box 1450, Alexendrie, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.